

IR517 Series

Multi-functional Handheld Thermal Imager



Night Hunting
Search & Rescue
Law Enforcement
Night Patrol
Outdoor Sports
Personal Security

IR517 handheld thermal monocular is the latest multi-functional portable thermal imager. The lenses of IR517 series are interchangeable for different detection missions. The built-in Wi-Fi module can connect the IR517 to a mobile device with an APP and make various applications possible. This highly compact thermal imaging device is small and light weight so that you can easily stuff in your package.



- 19mm/35mm/65mm/80mm lenses for different detection missions as well as different budget.
- Built-in Wi-Fi module enables connection between IR517 and mobile devices for image & video transfer, program upgrading etc.
- through the LCOS viewfinder display.
- Built-in large capacity SD card, user can record real-time video or take photos whenever they want.
- IR517 can record on-site voice annotation and GPS information together with the thermal images.

Model	IR517G	IR517G Pro
Detector		
Resolution	400×300@25μm	
Spectral	8 ~ 14um	
Lens		
Focus	35mm standard lens (19mm,65mm,80mm external lens)	
Focusing	Fixed focus , manual focus	
FOV	19mm:19.7°×15° / 35mm:11.0°×8.3° / 65mm:6.0°×4.5° / 80mm:4.9°×3.6°	
Display		
Mini display	Color mini display , 1280×960 resolution	
View Finder	Monocular display , adjustable diopter (-5 ~ +5)	
Image		
Frame Rte	PAL/25Hz, NTSC/30Hz	
Digital Zoom	2X、 4X	
Palette	Black hot, white hot, red hot	
Image Storage	Photo format JPG, Video MP4	
Functions		
Photo	√	√
Video	√	√
Hotspot tracking	√	√
Wi-Fi/APP	No	Wi-Fi share photo and video, also can controlled by app(IOS & Android)
GPS	N/A	YES
Power		
Battery	Li-on	
Adapter	5VDC	
Working Time	With IR mode, Continuous working hours after a single charge ≥3h	
Interface		
USB	Charge , output data from storage mode	
Analog Video	Video streaming with MCX interface	
Storage	Built-in 16G/32G(optional)	
Microphone	No	Yes
Environment Characteristics		
Working Temperature	-10℃ ~ 40℃	
Storage Temperature	-30℃ ~ 70℃	
Humidity	10% ~ 95%	
Encapsulation	IP66	
Drop Test	1m drop	
Physical Characteristics		
Weight	35mm lens(Standard) : 787g	
Size	35mm len(Standard) : 220.2mm×80mm×71mm	
Package		
Standard	Power adapter,USB cable,Lens cap,Wrist strap,Shoulder strap, Soft drawstring bag,User manual,Warranty	
Optional	Extended lens(19mm、 35mm、 65mm、 80mm)	

Detection Range	Recognition Range	19mm	35mm	65mm	80mm
1.8m×0.5m		400 200	700 350	1200 600	1500 800
2.3m×2.3m		900 400	1200 500	2500 1200	3000 1500